

Objects and aspects of the invention will become apparent from the following description of preferred embodiments with reference to the accompanying drawings in which:

FIG. 1 illustrates a general structure of an internet broadcasting system
5 using hierarchical data transmission in accordance with the present invention;

FIG. 2 illustrates a structure of a terminal used for an internet broadcasting system in accordance with the present invention;

FIG. 3 is a flowchart for an internet broadcasting method using a hierarchical transmission in accordance with an embodiment of the present
10 invention;

FIG. 4 illustrates a network structure of an internet broadcasting system using a dispersion IP multicasting method in accordance with an embodiment of the present invention;

FIG. 5 illustrates a structure of a multicasting relay system to which the
15 present invention is applied;

FIG. 6 illustrates a detailed structure of a multicasting relay system to which the present invention is applied;

FIGS. 7a and 7b are flowcharts for illustrating a multicasting relay method in accordance with an embodiment of the present invention;

20 FIG. 8 is a flowchart for illustrating a multicasting relay method in accordance with another embodiment of the present invention.

FIGS. 9a, 9b, and 9c are detailed flow charts for illustrating a multicasting method in accordance with an embodiment of the present invention.